

V. Note by Professor CAYLEY on his Memoir "On the Conditions for the Existence of Three Equal Roots, or of Two Pairs of Equal Roots, of a Binary Quartic or Quintic." Received February 20, 1869.

The title is a misnomer; I have in fact, in regard to the quintic, considered *not* (as according to the title and introductory paragraph I should have done) the twofold relations belonging to the root-systems 311 and 221 respectively, but the threefold relations belonging to the root-systems 41 and 32 respectively. The word "quadric," p. 582, line 1, should be read "cubic." The proper title is, "On the Conditions for the Existence of certain Systems of Equal Roots of a Binary Quartic or Quintic."

*March 4, 1869.*

Lieut.-General SABINE, President, in the Chair.

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